

Datasheet: VMA00395

BATCH NUMBER 160322

Description:	MOUSE ANTI CD30
Specificity:	CD30
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI3B10
Isotype:	IgG1
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	Recombinant protein fragment corresponding to aa 19-379 of human CD30 (NP_001234) produced in <i>E.coli</i>

**External Database
Links**

UniProt:

[P28908](#) [Related reagents](#)

Entrez Gene:

[943](#) TNFRSF8 [Related reagents](#)

Synonyms CD30, D1S166E

Specificity **Mouse anti Human CD30 antibody, clone OT13B10** recognizes CD30, also known as CD30L receptor, Ki-1 antigen, cytokine receptor CD30, lymphocyte activation antigen CD30 and tumor necrosis factor receptor superfamily member 8 (TNFRSF8).

Encoded by the TNFRSF8 gene, CD30 is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of TNFRSF8 encoding distinct isoforms have been reported (provided by RefSeq, Jul 2008).

Mouse anti Human CD30 antibody, clone OT13B10 detects a band of 120 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti CD30 detects a band of approximately 120 kDa in MOLT-4 cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety
Information** Material Safety Datasheet documentation #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/VMA00395>
Antibody (10048)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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